

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	US-20060061230-A1.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/08 09:15
S4	2	"5440185".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/08 11:11
S5	57	("2615227"   "3319100"   "3541410"   "3590294"   "3633138"   "3742243"   "4086519"   "4187441"   "4274053"   "4399595"   "4406958"   "4427960"   "4528473"   "4820951"   "4851731"   "4941236"   "5132581"   "5148070"   "5161361"   "5177393"   "5218251"   "5258735"   "5313159").PN. OR ("5440185"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 11:13
S6	1162	310/15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/08 12:29
S7	321	S6 and (reciprocate or reciprocating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/08 12:29
S8	604	310/14.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/08 12:29
S9	89	S8 and (reciprocate or reciprocating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/08 12:29

## EAST Search History

S10	2	US-20060145546-A1.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:38
S11	604	310/14.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:55
S12	1162	310/15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 15:55
S13	355	reciprocat\$3 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 15:58
S14	4	sun with ki with yoon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:00
S15	423	hyuk with lee	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:01
S16	391	hyuk with lee.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:01
S17	391	(hyuk with lee).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:01

## EAST Search History

S18	8	S17 and 310/15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:32
S19	1	WO01/61830	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/11 16:25
S20	0	WO01/61830	DERWENT	OR	ON	2006/12/11 16:25
S21	0	20020135264-a1.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:33
S22	2	"20020135264".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:33
S24	660	310/254 and "216" and S23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:58
S25	0	"310"/("254" and "216" and S23). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:58
S26	0	"310"/("254" and "216").ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 16:58
S27	400	(310/254 and 310/216).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 17:00

## EAST Search History

S28	1	(310/254 and 310/216 and 310/15). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 17:04
S29	2	(310/216 and 310/15).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 17:06
S30	7	(310/254 and 310/15).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 17:15
S31	4	(310/179 and 310/15).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2006/12/11 17:18
S34	0	h02k33.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/12 08:29
S35	3	h02k33/16.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/12 08:30
S36	1623	h02k033/16.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/12 08:35
S37	252	h02k033/16.ipc. and reciproc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/12 08:36

## EAST Search History

S38	24	YOON with HYUNG-PYO	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/12 09:27
S39	4	YOON with sun-ki	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/12 09:40
S40	31	PARK with KYEONG-BAE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/12 09:41

## EAST Search History

S41	50	(US-20060145546-\$ or US-20030080633-\$ or US-20050189824-\$ or US-20020105245-\$ or US-20020105247-\$ or US-20020105248-\$ or US-20020135264-\$ or US-20030102725-\$ or US-20030102763-\$ or US-20040108774-\$ or US-20040251749-\$ or US-20050140216-\$ or US-20050140217-\$ or US-20060017332-\$ or US-20060018771-\$ or US-20060091737-\$ or US-20060097586-\$ or US-20060152092-\$ or US-20060170292-\$ or US-20060192441-\$ or US-20040221716-\$ or US-20060057000-\$ or US-20060127258-\$).did. or (US-6770990-\$ or US-5005281-\$ or US-5873710-\$ or US-6573624-\$ or US-6628018-\$ or US-6700286-\$ or US-6741008-\$ or US-6819015-\$ or US-6891305-\$ or US-6956315-\$ or US-7061145-\$ or US-7075199-\$ or US-7105957-\$ or US-4992685-\$ or US-4770058-\$ or US-5451727-\$ or US-5494412-\$ or US-5667372-\$ or US-5772410-\$ or US-5795140-\$ or US-6273673-\$ or US-6722627-\$ or US-6948418-\$ or US-4909379-\$ or US-6015273-\$ or US-4612468-\$). did. or (US-4283959-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/12 11:42
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